ViewSonic®

A90 Monitor

- **0.23mm horizonal dot pitch**
  This fine dot pitch produces clear, crisp images with great picture definition, even at the highest resolutions.

- **1,600 x 1,280 maximum resolution**
  Displays a maximum resolution of 1,600 x 1,280; 1,224 x 768 at 88Hz flicker-free refresh rate for easy viewing.
  1,600 x 1,200 @ 69Hz
  1,280 x 1,024 @ 80Hz
  1,024 x 768 @ 106Hz
  800 x 600 @ 133Hz

- **Internet color ready**
  Internet color management profile included for true color representation.

- **SuperClear™ technology**
  Creates edge-to-edge full screen brightness for sharper, clearer pictures.

- **Invar shadow mask**
  A special type of alloy that withstands higher heat levels, extending the picture tube life while displaying sharp, bright images.

- **PC `99 compliant**
  Compliant with Microsoft® hardware guidelines for increased ease of set up and usage.

A - Series

19" (18.0" viewable) Monitor

ViewSonic's A90 is a superb upgrade monitor. This 19" (18.0" viewable)) has up to 25% more viewable area than a typical 17" (various viewable) monitor making it perfect for Internet use, graphics, gaming and multiple windows applications. The A90 has SuperClear™ color technology for edge-to-edge full screen brightness for sharper, clearer images, and is Internet color ready for true color representation. Also included are ViewMatch® color controls for screen-to-print color matching. This monitor is *Plug & Play+* ready for easy installation and comes with ViewSonic's 3-year warranty on CRT, parts and labor. Stop by your local retailer when you are ready to upgrade your PC or Mac® system and put ViewSonic on top!

ViewSonic on top™
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ViewSonic A90

A SERIES

19" (18.0" VIEWABLE) GRAPHICS SERIES MONITOR WITH *Plug & Play+*

CRT	**Type**	19" (18.0" diagonal viewable area) 0.23mm horizontal / 0.27mm diagonal dot pitch, 90˚deflection
	Phosphor	RGB medium persistence
	Glass Surface	Tint (TM=46%) ARAG® screen treatment
INPUT SIGNAL	**Video**	RGB analog (Impedance 0.714Vp-p, 75 ohms)
	Sync	H/V Separate (TTL) composite, sync-on-green
	Frequency	F_h:30-86kHz, F_v:50-180Hz
COMPATIBILITY	**PC**	IBM® PC and PC compatible (from VGA up to 1,600 x 1,280 non-interlaced)
	Mac®*	Power Mac™ (up to 1600 x 1200)
CONNECTOR	**Signal**	15-pin mini D-sub (attached cable)
	Power	3-pin plug (IEC320)
POWER	**Voltage**	AC 88–132V/180-264VAC 50/60 Hz (auto switch)
	Consumption	135W (typ)
USER CONTROLS	**Basic**	Power on/off, Key–1, Key–2, down, up
	OnView®	Contrast, brightness, H/V-position, H/V-size, pincushion, degauss, pin-balance, trapezoid, ViewMatch® color, parallelogram, tilt, ViewMeter,® language select, OSD position, moiré, Data recall
VIDEO INPUT	**Bandwidth**	179MHz (typ)
MISCONVERGENCE		0.3mm (max) at center 0.4mm (max) at corner
DISPLAY AREA	**Factory Setting**	360mm(H) x 270mm(V) (typ)
	Maximum Scan	365mm(H) x 275mm(V)
OPERATING CONDITION	**Temperature**	32˚F to 104˚F (0˚C to 40˚C)
	Humidity	5% to 95% (no condensation)
DIMENSIONS	**Physical**	452mm (W) x 450mm (H) x 465mm (D) (17.8" x 17.7" x 18.3")
WEIGHT	**Net**	21Kg (46.2 lbs.)
OTHER		DDC1 & DDC2B
REGULATIONS		UL, CSA, FCC-B, DHHS, MPR-II, Energy Star,® DOC-B, CE
POWER MANAGEMENT		Meets Energy Star,® VESA® DPMS™ standards
WARRANTY		Three year limited warranty on CRT, parts and labor 48 hour Express Exchange® Service option available

- **OnView® controls including ViewMatch®**
  All screen adjustments are made via an on-screen menu using simple controls. ViewMatch allows the user to adjust color temperature and individual color intensity for screen-to-print matching.
- **SuperClear™ screen**
  This SuperClear screen technology delivers "power color" images that are up to 25%† brighter than conventional CRT monitors and up to 10%† improved color fidelity. This provides vivid, realistic color and optimized clarity.
- **ARAG® screen treatment**
  This specially formulated anti-reflection, anti-glare screen treatment uses a multi-layer process to refract unwanted light away from the user while maintaining the highest quality of the displayed image.
- **MPR-II and Energy Star® compliant**
  This monitor surpasses these strict standards for reduced emissions, power consumption and efficiency..
- ***Plug & Play+***
  Fully supports the Windows® auto-installation standard for easy, trouble-free configuration and setup.
- **PC and Mac® compatible**
- **Three year limited warranty**

ISO 9001 FM 40187

ISO 14001 EMS 40968

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*Free universal Mac® cable adapter available. †Compared to conventional CRT monitors, results may vary.

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